

Message Text

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65

ORIGIN ACDA-10

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DRAFTED BY ACDA/NTB:JHMENZEL:JAL

APPROVED BY ACDA/NTB:TDDAVIES

STATE/EUR/CE:KAKURZE

ACDA/A:JTHACKETT

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R 202141Z APR 76

FM SECSTATE WASHDC

TO AMEMBASSY BONN

UNCLAS STATE 095658

E.O. 11652: N/A

TAGS: IAEA, TECH PARM

SUBJECT: VISIT BY DR. MENZEL (ACDA) TO ALKEM AND KFA-
JULICH, MAY 20-21, 1976

1. DR. JOERG H. MENZEL, FORMERLY FROM LASL AND IAEA, IS PHYSICAL SCIENCE OFFICER AT THE NON-PROLIFERATION AND ADVANCED TECHNOLOGY BUREAU OF ACDA.
2. AFTER PARTICIPATION IN CONSULTANTS MEETING AND TECHNICAL DISCUSSIONS AT IAEA DURING MAY 10-19, MENZEL WISHES TO CONTACT DR. W. STOLL AT ALKEM (HANAU) ON MAY 20 AND DR. H. BUEKER AT KFA-JULICH ON MAY 21; IF NECESSARY, VISIT SEQUENCE IN FRG COULD BE INTERCHANGED.
3. AT ALKEM, THE INFORMAL DISCUSSIONS WOULD ADDRESS THE TECHNICAL MEANS FOR SAFEGUARDING MIXED OXIDE FUEL FABRICATION PLANTS AGAINST NATIONAL RATHER THAN SUBNATIONAL DIVERSION. SPECIFICALLY, DOES THE "MINIMUM MATERIAL ACCESS" DESIGN OF NEW PLANTS, WHICH TENDS TO INCREASE PHYSICAL SECURITY, DECREASE THE EFFECTIVENESS OF INDEPENDENT

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VERIFICATION OF THE INVENTORY BY AN OUTSIDE AGENCY. IF SO,

WHAT MEANS COULD BE DESIGNED INTO NEW PLANTS TO FACILITATE
INDEPENDENT VERIFICATION?

4. AT JULICH, THE TECHNICAL DISCUSSIONS WITH DR. BUEKER

AND HIS STAFF WOULD COVER THE R&D PROGRAM FOR DOMESTIC AND
IAEA SAFEGUARDS. IN VIEW OF THE PROTOTYPE SELF-MONITORING
SEAL DEVELOPED IN THE US, THE PROGRESS OF SIMILAR EFFORT
AT KFA IS OF PARTICULAR INTEREST.

5. IF ACCEPTABLE, MENZEL WOULD ARRIVE FRANKFURT ON MAY 19
AT 7:10 PM (OS-405 FROM VIENNA), DEPART ON MAY 20 AT
4:40 PM (LH-853), ARRIVE COLOGNE AT 5:20 PM, DEPART ON
MAY 22 AT 8:40 AM (LH-176).

6. EMBASSY IS REQUESTED TO CONTACT DRS. STOLL AND BUEKER
AND TO ADVISE ACCORDINGLY. ROBINSON

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